

REMARKS

The claims remaining in the present application are Claims 16-35. Claims 16-19 and 21-22 have been amended. Claims 24-35 are withdrawn from consideration.

ELECTION/RESTRICTION

Claims 24-35 are withdrawn from consideration as being allegedly directed to a non-elected invention (constructive election). The rejection asserts that Claim 24 is classified under class 345/672 and that Claim 31 is classified under class 345/660. The rejection states that original claims (constructively elected) are classified under class 345/613.

The rejection states that the limitations in Claims 24 and 31 are different from the limitations in Applicant's original claims. Applicants respectfully assert that having different limitations in newly presented claims is not a legally sufficient reason for a restriction requirement.

Apparently that rejection intends the restriction to be based on the alleged different classification of Claims 24 and 31 from the original claims. However, Applicants respectfully assert that Claim 24 is NOT properly classified under class 345 subclass 672. Further, Applicants respectfully assert that Claim 31 is NOT properly classified under class 345 subclass 613. Thus, the alleged basis for the restriction is flawed.

According to the United States Patent Office classification system, subclass 672 of class 345 is directed to translation, that is, "subject matter wherein the graphic object is moved to another position." Applicants respectfully assert that Claim 24 is NOT directed to translation. Nor is Claim 24 directed to moving a graphic object to another position.

According to the United States Patent Office classification system, subclass 660 of class 345 is directed to scaling, that is, "subject matter wherein the size of the image or graphic object is changed." Applicants respectfully assert that Claim 31 is NOT directed to scaling. Nor is Claim 31 directed to changing the size of an image or a graphic object.

For the foregoing reasons, the restriction/election is respectfully traversed. Applicants respectfully request that the Examiner remove the restriction and consider claims 24-35 for examination.

CLAIM REJECTIONS

35 U.S.C. §103

Claims 16-23 are rejected under 35 U.S.C. §103(a) as being unpatentable over Szeliski et al., U.S. Pat. No. 6,009,190 (hereinafter, Szeliski) in view of Martin et al., U.S. Pat. No. 6,714,206 (hereinafter, Martin). Claims 16-23 are respectfully traversed for the following reasons.

Currently Amended Independent Claim 16 recites, in part:

mapping a plurality of sub-pixels of said display to corresponding spatial regions of said image, wherein each sub-pixel of said display is mapped to a unique spatial region of said image (emphasis added).

Applicant respectfully asserts that Szeliski fails to teach or suggest these limitations, while noting that the rejection concedes that Szeliski fails to teach the broader limitation of mapping a plurality of sub-pixels of said display to corresponding regions of said image, wherein each sub-pixel of said display is mapped to a unique region of said image.

Martin fails to remedy the deficiency in Szeliski in that Martin does not teach or suggest mapping a plurality of sub-pixels of said display to corresponding spatial regions of said image, wherein each sub-pixel of said display is mapped to a unique spatial region of said image, as claimed. Therefore, the combination Szeliski and Martin fails to teach or suggest these limitations.

The rejection asserts that Martin teaches these limitations in the Abstract; Figure 9A; Figure 9B; col. 5, line 61 et seq.; and claim 1. Applicants respectfully assert that Martin's teaching of assigning successive frame numbers to sub-pixels does not teach or suggest the claim limitations of,

“mapping a plurality of sub-pixels of said display to corresponding spatial regions of said image.”

Referring to Figure 9A of Martin and associated description, the sub-pixels are assigned frame numbers from 1 to 4, wherein “a frame number indicates during which of 4 successive frames the sub-pixel will have its intensity value increased (col. 5, line 67 - col. 6, line 2, emphasis added). Thus, Martin teaches a temporal mapping in contrast to the claimed spatial mapping.

Applicants have reviewed Martin and respectfully assert that Martin elsewhere fails to teach the claimed mapping a plurality of sub-pixels of said display to corresponding spatial regions of said image. For example, Martin’s Abstract may describe a mapping of frame numbers to sub-pixels; however, in light of the discussion of Figure 9A and associated text this frame to pixel mapping does not teach or suggest the claimed spatial mapping. Applicants further respectfully assert that for similar reasons, Figure 9B and claim 1 of Martin do not teach the claimed spatial mapping.

Because neither Szeliski nor Martin teach the claim limitations, the combination of Szeliski and Martin does not teach or suggest these claim limitations. For the foregoing reasons, Claim 16 is respectfully believed to be patentable over Szeliski and Martin. Applicants respectfully requests allowance of Claim 16.

Claims 17-23 depend from Claim 16, which is respectfully believed to be allowable for reasons discussed herein. Therefore Claims 17-23 are believed to be allowable by virtue of their dependencies.

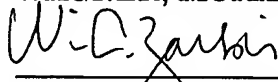
CONCLUSION

In light of the above listed amendments and remarks, reconsideration of the rejected claims is requested. Based on the arguments and amendments presented above, it is respectfully submitted that Claims 16-23 overcome the rejections of record. For reasons discussed herein, Applicants respectfully request that Claims 24-35 be considered by the Examiner. For reasons discussed in a previous response, Applicants respectfully submit that withdrawn claims 24-35 are patentable. Therefore, allowance of Claims 16-35 is respectfully solicited.

Should the Examiner have a question regarding the instant amendment and response, the Applicants invite the Examiner to contact the Applicants' undersigned representative at the below listed telephone number.

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Respectfully submitted,
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